



Programme of Learning for Year 7 – Spring Term

RE	English	Maths	Science	Language	Music
<p>CATHOLIC SOCIAL TEACHING Principles of Catholic social teaching The importance of Stewardship and respect for the environment. The meaning and importance of the Sanctity of Life How humans are made in the Image of God and the impact this has on the way Catholics live their lives. How charities reflect Catholic Social Teaching with specific reference to CAFOD and SVP</p> <p>WORSHIP Worship through prayer Praying through music and art, using examples. The meaning, importance and practice of the Sacraments of Initiation: Baptism, Confirmation & Eucharist. The meaning, importance and practice of the Sacraments of Healing: Reconciliation and Anointing of the Sick. The meaning, importance and practice of the Sacraments of Vocation/Service: Marriage and Holy Orders</p>	<p>STUDY OF A NOVEL LEADING TO A WRITTEN SPEECH BASED ON AN IDEA FROM THE NOVEL Continued study and analysis of a novel – focused work on connotation and inference. Analyse the language, form and structure of texts and use subject terminology. Continuation of PETA (Point, Evidence, Terminology, Analysis) framework and speech writing. Write accurately and imaginatively for different purposes and audiences. Consider the organisation and structure of whole texts</p> <p>Y7 ADVENTURE BOOK CHALLENGE In-class competition leading to half / full year group event. Create a literacy textbook aimed at KS2 students and pitch it to a “panel of experts”. Introduction to narrative form, structure and writer’s methods. Crafting language to create a particular effect.</p>	<p>SEQUENCES Find the nth term of a linear sequence. Find any term of the sequence after working out the nth term. Prove if a number appears in the sequence. DATA COLLECTION & AVERAGES Construct a grouped frequency table. Read and construct a stem and leaf diagram and calculate averages/range from it. Find the mean from a non-grouped frequency table. DATA PRESENTATION Interpret pie charts – including where angles have to be measured. Construct pie charts from a frequency table. Produce & interpret frequency polygons for grouped data - read off frequency values, calculate total population & find greatest & least values. Draw scattergraphs. Be able to comment on the correlation (positive/negative/no correlation) and explain the relationship using an appropriate sentence making reference to both variables. Be able to draw a line of best fit and estimate using this. Understand that a correlation does not imply causation. RATIO & PROPORTION Share into a ratio of more than two parts, including worded problems. Convert part:part ratios into part:Whole ratios. Calculate direct proportion using the unitary method. SOLVING EQUATIONS Solve (2 step) equations, include fractions, substitute negative integers into linear equation and equations using powers GRAPHS Find a coordinate when given one coordinate and a midpoint, Find the gradient of a line on a grid, Understand what m and c are and find them from an equation and graph.</p>	<p>BIOLOGY: MULTICELLULAR ORGANISMS Nutrients, Digestion, Skeletal & Muscle Systems, Bacteria and enzymes in digestion</p> <p>CHEMISTRY: THE CHEMISTRY OF MIXTURES AND SEPARATING THEM Atoms, Pure substances & mixtures, Solutions, Solubility, Filtration & Evaporation, Distillation, Chromatography, The structure of the Earth, Sedimentary rocks, Thermal Decomposition of Limestone, Ceramics, Identify elements by their symbol.</p> <p>PHYSICS: ELECTRICAL PHYSICS Open & Closed Circuits & Circuit Symbols, Potential difference, Models of Electricity, Measuring current and potential difference, Resistance, Series and parallel circuits & Potential Difference, Current, Current in Series & Parallel Circuits, including short circuits, Charging up. Conduct a practical about circuits and Ohm’s law.</p>	<p>FRENCH: EN CLASSE School routines, describing schools in England and comparing with schools in France, describing your dream school using present tense verbs, key French structures and questions.</p> <p>FRENCH: MON TEMPS LIBRE The weather, playing sports and activities you like and dislike, free time & use of technology. Be able to use verbs, inferences, time phrases, key French structures and questions.</p> <p>SPANISH: MI FAMILIA Talking about your pets. Describing your appearance and characteristics, eye and hair including colour. Be able to use plural forms of nouns, adjectival endings and using tener & ser in 3rd person.</p> <p>SPANISH: EN CASA Talking about where you live, your home, the family, pets, hobbies, the activities you do at home, your free time and your bedroom. Be able to use adjectives. Know & use Stem changing verbs dormir & jugar. Use prepositions and reflexive verbs.</p>	<p>EMOTIONS How music can create and heighten the sense of an emotion through learning to compose leitmotifs linked to the emotions in the story of Tristan and Isolde. Students develop composition skills, be able to use the elements of music to create motifs for specific emotions and understand how to create certain moods/emotions using specific composition techniques.</p> <p>PENTATONIC WORK Compose a simple composition based first on a simple rhythm using simple note values using a Pentatonic scale and how to create variety in music using simple rhythms and the use of a Pentatonic scale.</p> <p>Computing Be able to design and create a webpage using appropriate HTML commands, to insert an image using HTML, to create hyperlinks, to produce a multipage website and format a webpage using HTML commands. Be able to write a basic program using input and output statements, variables, IF statements and operators. Write a simple algorithm to define a geometrical shape and develop a game using graphic based programming.</p>
<p>Art & Design EMOTION & PORTRAITURE Artists/cultures/images that have explored emotion and record different emotions through observation & photography. Explore ideas for different emotions, link colour and shape to emotions & experiment with a variety of materials & techniques i.e. mixing & blending. Produce a piece of art based on self-portraiture and a chosen emotion.</p> <p>INSECTS Explore appropriate images related to insects and butterflies & the work of Jacob Sturm and Sara Fanelli. Explore a range of materials, techniques and processes. To be able to recognise and record sources related to insects. Produce a piece/s of art based on insects relating to chosen artists using tonal shading, colour mixing and blending.</p>	<p>History THE MIDDLE AGES Living in the Medieval period. The religious life in medieval England The effects of the Black Death. The peasant’s revolt in 1381. The Princes in the Tower. The War of the Roses. Henry VII. Henry VIII and the break from Rome. Queen ‘Bloody’ Mary Elizabeth I The failure of the Spanish Armada</p>	<p>Geography BIOMES Develop a local and global understanding of the natural world around us and the factors shaping the biomes that exist</p> <p>FOOD Explore the factors connecting famine, drought and food. Examine the global patterns of food and food insecurity Interpret data from graphs and maps. Analyse written and picture-based sources of information</p>	<p>Technology TEXTILES: DESIGN A PLANNER COVER Fabrics, stitching skills, use of a sewing machine, production plan and design, finished product. FOOD TECHNOLOGY: FOOD, NUTRITION & KITCHEN SKILLS Basic kitchen equipment, food hygiene, eating well, macro and micro nutrients, food preparation and cooking DESIGN TECHNOLOGY: DESK TIDY/BLACK BOT Health & Safety. Materials and processes, Develop skills: cutting, sanding and drilling. Use of technical equipment. Production & assembly. Evaluation of product. Use Isosketch to draw Isometric shapes</p>	<p>Drama MOVEMENT IN PERFORMANCE Mime, physical gestures, use of physical control, gesture, and facial expression to create a specific character. Knowledge of silent movies. Bollywood dance & choreographic skills</p>	<p>PSHCE Values education Safer Internet Day Healthy eating Relationship and sexual education</p> <p>PE Football, Rugby, Swimming, Badminton, Fitness, Gymnastics. Analyse Performance in these sports. Develop technique. Use problem solving skills, overcome challenges & making decisions.</p>